

Title (en)
IMAGE INTRA-PREDICTION MODE ESTIMATION DEVICE, IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, AND ENCODED IMAGE DATA

Title (de)
VORRICHTUNG ZUR FESTLEGUNG EINES BILD-INTRAPRÄDIKTIONSMODUS, BILDCODIERVORRICHTUNG, BILDDECODIERVORRICHTUNG UND CODIERTE BILDDATEN

Title (fr)
DISPOSITIF D'ESTIMATION DE MODE D'INTRA-PRÉDICTION D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DÉCODAGE D'IMAGE ET DONNÉES DE CODAGE D'IMAGE

Publication
EP 2595387 A4 20141105 (EN)

Application
EP 11806844 A 20110714

Priority
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Abstract (en)
[origin: EP2595387A1] A coding device and a decoding device are configured to include an estimated prediction mode deciding section (122a) including: a reference block selecting section (1223a) for selecting a reference block for use in estimating an intra-prediction mode for a subject block; an estimating number deciding section (1222a) for deciding an estimating number of estimated values to be estimated for the intra-prediction mode; and an estimated prediction mode deriving section (1221a) for estimating, based on a reference block, the estimating number of estimated values of the prediction mode.

IPC 8 full level
H04N 19/11 (2014.01)

CPC (source: CN EP US)
H04N 19/105 (2014.11 - US); **H04N 19/11** (2014.11 - CN EP US); **H04N 19/147** (2014.11 - CN EP US); **H04N 19/159** (2014.11 - US); **H04N 19/176** (2014.11 - CN EP US); **H04N 19/196** (2014.11 - CN EP US); **H04N 19/46** (2014.11 - US); **H04N 19/463** (2014.11 - CN EP US); **H04N 19/50** (2014.11 - US); **H04N 19/593** (2014.11 - CN EP US)

Citation (search report)
• [X1] YI GUO ET AL: "Priority-based template matching intra prediction", MULTIMEDIA AND EXPO, 2008 IEEE INTERNATIONAL CONFERENCE ON, IEEE, PISCATAWAY, NJ, USA, 23 June 2008 (2008-06-23), pages 1117 - 1120, XP031312922, ISBN: 978-1-4244-2570-9
• [A] JINHO LEE ET AL: "Intra-mixture Prediction Mode and Enhanced Most Probable Mode Estimation for Intra Coding in H.264/AVC", INC, IMS AND IDC, 2009 FIFTH INTERNATIONAL JOINT CONFERENCE ON, IEEE, PISCATAWAY, NJ, USA, 25 August 2009 (2009-08-25), pages 1619 - 1622, XP031564943, ISBN: 978-0-7695-3769-6
• See also references of WO 2012008514A1

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US10856012B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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EP 2595387 A1 20130522; EP 2595387 A4 20141105; CN 103081471 A 20130501; CN 103081471 B 20170606; CN 107277526 A 20171020; CN 107277526 B 20200218; CN 107277527 A 20171020; CN 107277527 B 20200218; EP 4106331 A1 20221221; JP 2016201829 A 20161201; JP 2018174569 A 20181108; JP 6342116 B2 20180613; JP WO2012008514 A1 20130909; MY 186093 A 20210621; US 10230963 B2 20190312; US 10609386 B2 20200331; US 11109040 B2 20210831; US 11570448 B2 20230131; US 12034937 B2 20240709; US 2013121414 A1 20130516; US 2016269750 A1 20160915; US 2017070737 A1 20170309; US 2018234684 A1 20180816; US 2019166374 A1 20190530; US 2020288147 A1 20200910; US 2022166987 A1 20220526; US 2023179775 A1 20230608; US 9380301 B2 20160628; US 9538198 B2 20170103; US 9924173 B2 20180320; WO 2012008514 A1 20120119

DOCDB simple family (application)
EP 11806844 A 20110714; CN 201180042717 A 20110714; CN 201710327830 A 20110714; CN 201710327842 A 20110714; EP 22173773 A 20110714; JP 2011066055 W 20110714; JP 2012524587 A 20110714; JP 2016140559 A 20160715; JP 2018119278 A 20180622; MY PI2016000574 A 20110714; US 201113810081 A 20110714; US 201615162282 A 20160523; US 201615357833 A 20161121; US 201815882592 A 20180129; US 201916262862 A 20190130; US 202016835172 A 20200330; US 202117459848 A 20210827; US 202318103409 A 20230130